

Claim 1 (Currently Amended): A vehicular safety system comprising a combination of at least one inflator and one or more an inflatable restraint gel cushion(s) made from one or more selectively configured tear rupture resistant gel(s) diaphragms, said tear resistant gel diaphragm having a selected gel rigidity of from about 50 gram Bloom to about 1,200 gram Bloom, said at least one inflator for deployment by pressure of said one or more inflatable restraint gel cushion(s).

Claim 2 (Currently Amended): A vehicular safety system according to claim 1, wherein said one or more inflatable restraint gel cushion(s) include one or more gel diaphragm(s) assemblies comprising:

(i) one or more retainer(s) for said gel diaphragm(s) selected from a external retainer, an internal retainer, a reinforcing retainer, a mechanical retainer, a semi-integral retainer, an integral pin retainer, a partial external integral retainer, an eye retainer, a back partial integral retainer, and an integral reinforcing shaped retainer comprising an inflatable restraint gel cushion made from

(ii) 100 parts by weight of one or a mixture of two or more of a hydrogenated styrene isoprene/butadiene block copolymer(s) and from

(iii) about 300 to about 1,600 parts by weight of a plasticizing oil; and in combination with or without

(iii) a selected amount of one or more polymers or copolymers of poly(styrene-butadiene-styrene), poly(styrene-butadiene)n, poly(styrene-isoprene-styrene)n, poly(styrene-isoprene)n, poly(styrene-ethylene-propylene), poly(styrene-ethylene-propylene-styrene), poly(styrene-ethylene-butylene), poly(styrene-ethylene-propylene)n, poly(styrene-ethylene-butylene)n, polystyrene, polybutylene, poly(ethylene-propylene), poly(ethylene-butylene), polypropylene, or polyethylene.

Claim 3 (Currently Amended): A vehicular safety system according to claim 1, wherein said one or more inflatable restraint gel cushion(s) comprising one or more shaped gel diaphragm(s) selected from one or more of a thin gel diaphragm, a thick gel diaphragm, a multiple progressive thin gel diaphragm, and a multiple progressive thick gel diaphragm; said gel diaphragm with or without one or more expansion control element(s) selected from a multiple single layer expansion control element, a single layer expansion control element, a dual single layer expansion control element.

a multiple layer expansion control element, a multiple layer diverted element, a full retained gel cup, a partial retained gel cup, a gel cavity, an S gel shaped, and a bulged gel shape comprising an inflatable restraint gel cushion made from

- (i) 100 parts by weight of one or a mixture of two or more of a hydrogenated styrene-isoprene/butadiene block copolymer(s) and from
- (ii) about 300 to about 1,600 parts by weight of a plasticizing oil; and in combination with or without
- (iii) a selected amount of one or more polymers or copolymers of poly(styrene-butadiene-styrene), poly(styrene-butadiene)_n, poly(styrene-isoprene-styrene)_n, poly(styrene-isoprene)_n, poly(styrene-ethylene-propylene), poly(styrene-ethylene-propylene-styrene), poly(styrene-ethylene-butylene-styrene), poly(styrene-ethylene-butylene), poly(styrene-ethylene-propylene)_n, poly(styrene-ethylene-butylene)_n, polystyrene, polybutylene, poly(ethylene-propylene), poly(ethylene-butylene), polypropylene, or polyethylene, wherein said selected copolymer is a linear, radial, star-shaped, branched or multiarm copolymer.

Claim 4 (Currently Amended): A vehicular safety system according to claim 1, wherein said one or more inflatable restraint gel cushion(s) comprises one or more shaped gel diaphragm(s) with or without one or more expansion control element(s) selected from a multiple single layer expansion control element, a single layer expansion control element, a dual single layer expansion control element, a multiple layer expansion control element, and a gel restrainer comprising an inflatable restraint gel cushion
made from

- (i) 100 parts by weight of one or a mixture of two or more of a hydrogenated styrene block copolymer(s) with 2-methyl-1,3-butadiene and 1,3-butadiene and
- (ii) from about 300 to about 1,600 parts by weight of an plasticizing oil; in combination with or without
- (iii) a selected amount of one or more selected polymer or copolymer selected from the group consisting of poly(styrene-butadiene-styrene), poly(styrene-butadiene), poly(styrene-isoprene-styrene), poly(styrene-isoprene), poly(styrene-ethylene-propylene), poly(styrene-ethylene-propylene-styrene), poly(styrene-ethylene-butylene-styrene), poly(styrene-ethylene-butylene), poly(styrene-ethylene-propylene)_n, poly(styrene-ethylene-butylene)_n, polystyrene, polybutylene,

~~poly(ethylene-propylene), poly(ethylene-butylene), polypropylene, or polyethylene, wherein said selected copolymer is a linear, radial, branched, star-shaped, or multiarm copolymer; and n is an integer greater than one.~~

Claim 5 (Currently Amended): A vehicular safety system according to claim 1, wherein said one or more inflatable restraint gel cushion(s) comprises one or more shaped gel diaphragm(s) in combination with one or more expansion control elements comprising an inflatable restraint gel cushion made from

~~(i) 100 parts by weight of one or a mixture of two or more of a hydrogenated styrene-isoprene-butadiene block copolymer(s), wherein at least one of said block copolymer is a high viscosity copolymer having a viscosity value at 5 weight percent solution in toluene at 30°C of about 90 cps and higher which corresponds to a viscosity at 10 weight percent of about 5800 cps and higher which corresponds to a viscosity at 20 weight percent solids solution in toluene at 25°C of at about 80,000 cps and higher, and~~

~~(ii) from about 300 to about 1,600 parts by weight of an plasticizing oil, and in combination with or without~~

~~(ii) a selected amount of one or more polymers or copolymers of poly(styrene-butadiene-styrene), poly(styrene-butadiene), poly(styrene-isoprene-styrene), poly(styrene-isoprene), poly(styrene-ethylene-propylene), poly(styrene-ethylene-propylene-styrene), poly(styrene-ethylene-butylene-styrene), poly(styrene-ethylene-butylene), poly(styrene-ethylene-propylene)n, poly(styrene-ethylene-butylene)n, polystyrene, polybutylene, poly(ethylene-propylene), poly(ethylene-butylene), polypropylene, or polyethylene, wherein said selected copolymer is a linear, branched, radial, star-shaped, or multiarm copolymer; and n is an integer greater than one.~~

Claim 6 (Currently Amended): A vehicular safety system according to claim 1, wherein said one or more inflatable restraint gel cushion(s) comprises two or more gel diaphragm(s) with expansion volumes selected from a dual expansion diameters, a single diameter, an internal and external diameters, a triple diameters, a multiple layered diameters, a triple internal diameters, a triple small and dual large diameters, a equal triple diameters, a dual internal with single external surround diameters comprising an inflatable restraint gel cushion made from a gel comprising a

~~hydrogenated styrene block copolymer is one or more of a block copolymer of poly(styrene-ethylene-ethylene-propylene-styrene) and oil, said gel having a selected gel rigidity of from less than about 75 gram Bloom to about 800 gram Bloom and higher.~~

Claim 7 (Currently Amended): A vehicular safety system according to claim 1, wherein said one or more inflatable restraint gel cushion(s) is made from one or more of a hydrogenated styrene block copolymer(s) selected from poly(styrene-isoprene/butadiene-styrene) block copolymer(s), poly(styrene-ethylene-ethylene-propylene-styrene) block copolymer(s), controlled distribution of: poly(styrene-ethylene-butylene-styrene) block copolymer(s);

in combination with or without a selected amount of one or more selected polymer or copolymer selected from the group consisting of poly(styrene-butadiene-styrene), poly(styrene-butadiene), poly(styrene-isoprene-styrene), poly(styrene-isoprene), poly(styrene-ethylene-propylene), poly(styrene-ethylene-propylene-styrene), poly(styrene-ethylene-butylene-styrene), poly(styrene-ethylene-butylene), poly(styrene-ethylene-propylene), poly(styrene-ethylene-butylene), poly(ethylene-styrene) interpolymer polystyrene, polybutylene, poly(ethylene-propylene), poly(ethylene-butylene), polypropylene, or polyethylene, wherein said selected copolymer is a linear, radial, branched, star-shaped, or multiarm copolymer; and n is an integer greater than one one or more of a block copolymer of poly(styrene-ethylene-ethylene-propylene-styrene) and oil, said gel having a selected gel rigidity of from about 75 gram Bloom to about 300 gram Bloom, wherein a source of said hydrogenated poly(styrene-isoprene/butadiene-styrene) block polymer being a Septon® poly(styrene-ethylene-ethylene-propylene-styrene) block copolymer.

Claim 8 (Currently Amended): A vehicular safety system according to claim 3, wherein said one or more inflatable restraint gel cushion(s) is made from one or more of a hydrogenated styrene block copolymer(s) selected from poly(styrene-isoprene/butadiene-styrene) block copolymer(s), poly(styrene-ethylene-ethylene-propylene-styrene) block copolymer(s), controlled distribution of: poly(styrene-ethylene-butylene-styrene) block copolymer(s);

in combination with or without a selected amount of one or more selected polymer or copolymer selected from the group consisting of poly(styrene-butadiene-

styrene), poly(styrene-butadiene), poly(styrene-isoprene-styrene), poly(styrene-isoprene), poly(styrene-ethylene-propylene), poly(styrene-ethylene-propylene-styrene), poly(styrene-ethylene-butylene-styrene), poly(styrene-ethylene-butylene), poly(styrene-ethylene-propylene), poly(styrene-ethylene-butylene), poly(ethylene-styrene) interpolymer polystyrene, polybutylene, poly(ethylene-propylene), poly(ethylene-butylene), polypropylene, or polyethylene, wherein said selected copolymer is a linear, radial, branched, star-shaped, or multiarm copolymer; and n is an integer greater than one one or more of a block copolymer of poly(styrene-ethylene-ethylene-propylene-styrene) and oil, said gel having a selected gel rigidity of from about 75 gram Bleom to about 300 gram Bleom, wherein said one or more (i) block copolymer(s) is poly(styrene-ethylene-ethylene-propylene-styrene) and a source of said block copolymers being Septon® 4033, Septon® 4044, Septon® 4045 and Septon® 4055, Septon® 4077, and Septon® 4099.

Claim 9 (Currently Amended): A vehicular safety system according to claim 6, wherein said one or more inflatable restraint gel cushion(s) is made from one or more of a hydrogenated styrene block copolymer(s) selected from poly(styrene-isoprene/butadiene-styrene) block copolymer(s), poly(styrene-ethylene-ethylene-propylene-styrene) block copolymer(s), controlled distribution of: poly(styrene-ethylene-butylene-styrene) block copolymer(s);

in combination with or without a selected amount of one or more selected polymer or copolymer selected from the group consisting of poly(styrene-butadiene-styrene), poly(styrene-butadiene), poly(styrene-isoprene-styrene), poly(styrene-isoprene), poly(styrene-ethylene-propylene), poly(styrene-ethylene-propylene-styrene), poly(styrene-ethylene-butylene-styrene), poly(styrene-ethylene-butylene), poly(styrene-ethylene-propylene), poly(styrene-ethylene-butylene), poly(ethylene-styrene) interpolymer polystyrene, polybutylene, poly(ethylene-propylene), poly(ethylene-butylene), polypropylene, or polyethylene, wherein said selected copolymer is a linear, radial, branched, star-shaped, or multiarm copolymer; and n is an integer greater than one comprising an inflatable restraint gel cushion, made from one or more tear resistant gels of a controlled distribution SEBS block copolymer, SEEPS, SBS, SBEBS, a silicone elastomer, and a polyurethane elastomer.